*Discipline Biochemistry and physiology of plants*

Home task 7

Topic: Plant growth and development. Ontogenesis of the cell. Stages of ontogenesis of higher plants.

Purpose: To study the ontogeny of the cell and the stages of ontogenesis of higher plants.

Form of carrying out: Written presentation.

Tasks:

1. "Stages of ontogenesis of higher plants."

2. Stages of development of the embryo.

5. "The influence of external factors on the growth and development of plants."

5. The theory of aging.

The hormonal system.

1. "Auxins, structure, physiological significance"

2. "Cytokinins, structure, physiological significance

3. "Gibberellins, structure, physiological significance"

5. Abscizins. Structure and function.

b. Ethylene. Structure and function.

Plant resistance to unfavorable environmental conditions, salinization and drought.

1. "Physiology of stress. Stress Adaptation Strategies”.

2. "Mechanisms of plant resistance to drought"

3. "Mechanisms of plant resistance to salinity" Mechanisms of plant resistance to drought and salinity "